



Model **SESB**

Brand Powered by >>>

**Sensotech**

CAPACITY RANGE 50 TO 11500 KGF

CAPACITY KGF	A	B	C	D	E	F	Ø G	T
SESB 50-300	130	25.4	32	76.2	25.4	15.8	13	M 12 X 1.25
SESB 500-2500	130	31	32	76.2	25.4	15.8	13	M 12 X 1.25
SESB 3000-5000	172	38	39	95	38	19	21	M 20 X 1.5
SESB 10000-11500	225	40	50	124	50	25	25	M 24 X 2.0



WIRING SCHEMATIC	
COLOUR CODE	CONNECTION
RED	EXCITATION (+)
BLACK	EXCITATION (-)
GREEN	OUTPUT (+)
WHITE	OUTPUT (-)
SHIELD	GROUND

**Performance Data**

Capacity Range (in kgf)	50/100/200/250/300/500/750/900
Capacity Range (in tf)	1.1/1.5/1.8/2.2/2.5/3.5/5/7/9/11.5
Nominal Sensitivity (mV/V)	3±0.25%
Zero Signal Tolerance	0±2%
Input Resistance	350±5Ω
Output Resistance	350±3Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	15 VDC
Linearity Deviation (as % of Full Scale)	<±0.020
Repeatability (as % of Full Scale)	<±0.020
Hysteresis (as % of Full Scale)	<±0.020
Creep (as % of Full Scale) in 30 min	<±0.020
Effect of Temperature on Zero( % / o C)	±0.002
Effect of Temp. on Span ( % / o C of Load)	±0.001
Compensated Temperature Range	-10 to + 40°C
Operating Temperature Range	-20 to 70°C
Combined Error (as % of Full Scale)	<±0.025 max
Isolation Resistance (@ 50 VDC)	>1000 M Ω
Max. Limit Force (as % of Full Scale)	150
Breaking Force (as % of Full Scale)	300
Lateral Load Limit (as % of Full Scale)	
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

**Features**

- Low Profile design
- Low Deflection & Creep
- Excellent Overload Capability
- Standardised output for Multi-Transducer Application

**Optional**

Explosion Proof Version Suitable for Group I,IIA, IIB, IIC & meet Temperature Class T4

**Application**

Low profile floor scale, Tank/ Hopper Weighing, Overload Track scale, Dynamic Weighing / Process Automation / Bagging Machine, Concrete Batching Machinery / Patient Bed Weighing / Health monitoring

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